

Manhole Inspection Summary

Manhole # S31CC2004MH

Printed On: 12/17/2008

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Inspection ☐ Is Incomplete Rating: **4) Poor**

Record Plat: **31CC2** Node: **004** Status: **Found**

Insp Date: **12/6/06 10:45 AM**

Incomplete Comments

Crew: **JY, JJ**
Inspector: **Jensen, J**
Firm: **RKK**

Location Address: **202 CHURCHWARDENS RD** Cross Street: **ENDERLY RD**

Manhole Type: **Diversion** Location: **Roadway** Ground Conditions: **Dry**
☐ Prev. Rehab Weather: **Dry** Subject To Ponding: **None**

Comments **I6 Pipe has heavy debris - 2nd attempt**

Cover Shape: **Circular** Diameter: **24** (in.) Length: (in.) Dist A/B Grade: **0** (in.)
Type: **Sanitary** Condition: **Sound** Cover Material: **Cast Iron**
Properties: ☐ Bolted ☐ Vented ☐ Water Tight ☐ Water Tight Insert

Frame Offset: **2** (in.) Condition: ☐ Sound ☐ Cracked ☒ **Leaks**

Chimney / Frame Adjustment ☒ Exists Material: **Brick** ☐ Parged Height: **44** (in.)
Condition: ☐ Sound ☐ Cracked ☐ Root Intrusion ☐ Loose Brick ☒ **Deteriorated**
Infiltration: ☐ None ☒ **Joint** ☐ Cracks ☒ **Mortar** ☐ Roots ☐ Wall

Corbel Material: **Brick** ☐ Parged Type: **Concentric/Eccentric**
Condition: ☐ Sound ☐ Cracked ☒ **Root Intrusion** ☐ Loose Brick ☐ Deteriorated
Infiltration: ☐ None ☐ Joint ☐ Cracks ☒ **Mortar** ☒ **Roots** ☐ Wall

Barrel Material: **Brick** ☐ Parged
Shape: **Circular** Diameter: **48** (in.) Length: (in.)
Condition: ☐ Sound ☐ Cracked ☒ **Root Intrusion** ☐ Loose Brick ☐ Deteriorated
Infiltration: ☐ None ☐ Joint ☐ Cracks ☒ **Mortar** ☒ **Roots** ☒ **Wall**

Bench ☒ Exists Material: **Brick** ☐ Parged ☒ **Debris** (not Condition related)
Condition: ☒ Sound ☐ Cracked ☐ Root Intrusion ☐ Deteriorated ☐ Leaks ☐ Debris

Channel Material: **Brick** ☐ Parged ☐ Debris (not Condition related)
Channel Exposure: **Fully Open** Junc Dist: **0** nearest .5 ft. Azimuth:
Condition: ☐ Sound ☐ Cracked ☒ **Root Intrusion** ☐ Deteriorated ☐ Leaks ☐ Debris

Steps Count: **6** Missing: **0** ☒ **Corroded**

Surcharge ☐ Evidence Of Surcharge Depth: (ft.) ☐ Active Surcharge Present

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Location View



Top View



Corroded steps. Bench debris.

Defect



Barrel root intrusion and infiltration.

Defect



Frame leaks. Frame offset. Adjustment deterioration and infiltration.

Defect



Adjustment deterioration and infiltration.

Defect



Corbel root intrusion and infiltration..

Defect



Barrel root intrusion.

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8 in. Circular Gravity Sewer

Pipe Out @ 12 O'Clock



Rod and Bar (Angled)

Pipe Material: **Clay** ☐ Pipe Lined

Invert Depth: **12.20** (ft.) Flow Characteristics: **Slow**

Deposits: ☒ None ☐ **Mud** ☐ Sludge ☐ Debris ☐ **Grease**

Silt Depth: (in.) Deposits Extent:

Infiltration: **Evidence** Pipe Seal Cond: **Roots**

Drop: **None**

Connects To: **Manhole**

☐ Possible Illicit Connection

6 in. Circular Gravity Sewer

Pipe In @ 3 O'Clock



Rod and Bar (Angled)

Pipe Material: **Clay** ☐ Pipe Lined

Invert Depth: **11.60** (ft.) Flow Characteristics: **Slow**

Deposits: ☒ None ☐ **Mud** ☐ Sludge ☐ Debris ☐ **Grease**

Silt Depth: (in.) Deposits Extent:

Infiltration: **Evidence** Pipe Seal Cond: **Unknown**

Drop: **None**

Connects To: **House connection / Service line**

☐ Possible Illicit Connection

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6 in. Circular Gravity Sewer

Pipe In @ 6 O'Clock



Channel root intrusion.

Direct (Angled)

Pipe Material: **Clay**

☐ Pipe Lined

Invert Depth: **12.08** (ft.) Flow Characteristics: **None**

Deposits: ☐ None ☒ **Mud** ☐ Sludge ☐ Debris ☒ **Grease**

Silt Depth: **0** (in.) Deposits Extent: **Medium**

Infiltration: **None**

Pipe Seal Cond: **Unknown**

Drop: **None**

Connects To: **House connection / Service line**

☐ Possible Illicit Connection

8 in. Circular Gravity Sewer

Pipe In @ 9 O'Clock



Rod and Bar (Angled)

Pipe Material: **Clay**

☐ Pipe Lined

Invert Depth: **9.02** (ft.) Flow Characteristics: **Slow**

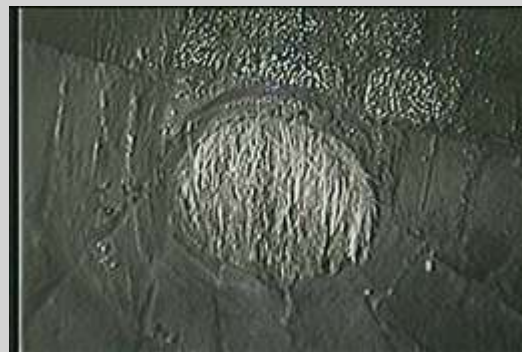
Deposits: ☒ **None** ☐ Mud ☐ Sludge ☐ Debris ☐ Grease

Silt Depth: (in.) Deposits Extent:

Infiltration: **Evidence**

Pipe Seal Cond: **Roots**

Drop In @ 9 O'Clock



Root Intrusion filled Pipe

Drop: **Outside** **Rod and Bar**

Angled: **Yes**

Reading: **10.86** (ft.)

Inv Depth: **11.86** (ft.)

Drop Condition: **Clogged**

Connects To: **Manhole**

☐ Possible Illicit Connection